ABSTRACT

A fluid composition which generates a partially gelled polymer matrix and a method for its preparation in situ. The reactants that form the novel fluid are held in separate vessels. When desired, the reactants are introduced into a mixing chamber for reaction to form the partially gelled novel fluid. The partially gelled novel fluid has the particular properties that hold fillers and additives for secondary reactions to occur in the same vessel. This composition and method of preparation have particular application to items that utilize a combination of reactive polymers, which include polyurethanes, epoxies, and polyesters, such as bowling balls, and other molded polymer parts such as those used in automotive, marine, sporting goods, appliances, and toys.